

PROCEDURE FOR CALIBRATING, STANDARDIZING OR CHECKING EQUIPMENT

Revised 11/14/04, 1/11, 5/11

PROCEDURE #78

Equipment Standardized:

GYRATORY COMPACTOR

T 312, SD 318

Purpose:

To provide instructions for standardizing ram pressure, angle of gyration, frequency of gyration, and LVDT (or other means to continuously record the specimen height).

Inspection Equipment Required:

1. Pine force standardization kit AFGBA06.
2. Stopwatch.

Tolerance:

Tolerances can be found in the appropriate test method listed above.

Procedure:

1. Verify ram pressure - AFGB1A Brovold Gyrotory Compactor Operation Manual, Section IV pg 2 to pg 8.
2. Angle of Gyration – Pine Rapid Angle Measurement (RAM) Operational Manual.
3. Frequency of Gyration - AFGB1A Brovold Gyrotory Compactor Operation Manual, Section IV pg 1.
4. LVDT or Spec. Height - AFGB1A Brovold Gyrotory Compactor Operations Manual, Section IV pg 9 to pg 16.